WORK PLAN No. D-583-4-4-20
REVISION

INTERNAL REVIEW INITIAL/	REVISION 1
DiNitto Smith Palermo Roscoe Cleaver Morin DeMarco DeLuca Buckley	SDMS DocID 530343
NUS/FIT REGION I TASK WORK PLAN FOR THE SPLIT SAMPLING OF WEL INTERSTATE UNIFOR	
TOO NO. F1-8303-07 A 0300.01 NUS 30B NO. 3425 RREP ARED UNDER: TASK NO. 03	Superfund Records Center SITE: WUIS G H
Submitt	BREAK: 1.15 core OTHER: 530343 ed by: Daniel J. Sandhaus Date: April 24, 1984

Reviewed and Approved:

REGION I/FIT NUS CORPORATION 19 CROSBY DRIVE BEDFORD, MASSACHUSETTS 01730

RPM: Date:

RQAR: Date:

OBJECTIVE:

To collect split samples of groundwater from wells upgradient of the Interstate Uniform facility in order to verify the presence or absence of 50 ppb or greater of tetrachloroethylene.

PREVIOUS FIELD WORK:

The previous FIT (Ecology and Environment) conducted a full field hydrogeologic investigation in East and North Woburn, Massachusetts. This work identified several suspect source areas of contamination, one of which is in the vicinity of Interstate Uniform. Data from this work has led EPA to ssue a work order to study its alleged contamination of the aquifer in question with tetrachloroethylene. EPA agreed that if 50 ppb or greater of tetrachloroethylene is found upgradient of Interstate's facility, EPA will rescind all outstanding orders against the company.

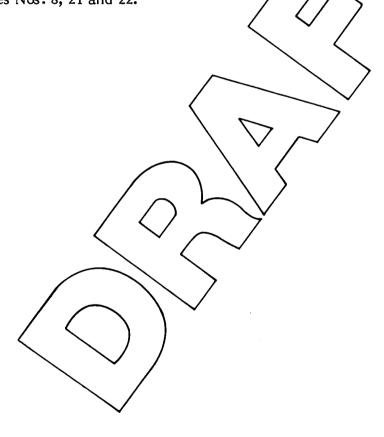
In March, 1984 Interstate Uniform's contractor installed a total of six wells at two locations upgradient of Interstate's facility. NUS/FIT provided technical oversight during well drilling and installation to discern if any tampering occurred during this work. The wells have now been allowed to stabilize for several weeks allowing the well water to equilibrate with the local groundwater.

TECHNICAL APPROACH:

NUS/FIT will provide sample tags, chain of custody forms and 40 ml glass vials to Interstate Uniforms' contractor. Daniel Sandhaus will be present during sample collection to record observations, fill out sample tags and chain of custody forms and possibly, to assist in sample collection. Technical observations will be made to define procedures used by contractors and how they differ from NUS/FIT Guidelines. This procedure will include proper decontamination of sampling equipment (bailers, pumps), water level measurement, purging at least three well

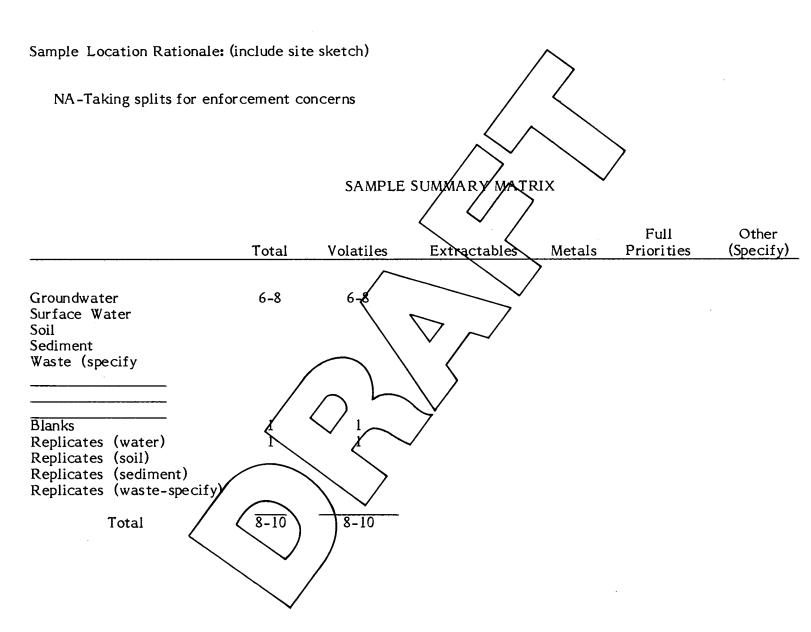
volumes and allowing adequate recharge of the wells prior to sampling. The contractor will also measure pH and specific conductance of the groundwater. Each split sample collected for NUS/FIT will consist of three 40 ml VOA vials and be preserved with Hg₂Cl₂. One 40 ml vial from each sample will be screened for tetrachloroethylene on an OVA and photovac using two to three column confirmation and quantifying with standards, by NUS/FIT. The remaining two vials from each sample will be sent to a national contract tab to be analyzed for volatiles on GC/MS.

All sample collection, sample preservation, chain of custody and sample shipping protocol will be followed in accordance with Region I NUS/RIV Operating Guidelines Nos. 8, 21 and 22.



Sample Summary:

Groundwater samples will be collected from 6 to possibly 8 wells depending on whether well 1 and well 6 are sampled. One water blank and one replicate will be collected.



Safety Considerations:

- SUSPECTED HAZARDOUS MATERIALS-
- CONCENTRATIONS-
- PHYSICAL STATE (Water, Drummed, Soil, Lagoon, Sludge, Sediment, Air)
 REFERENCE ANALYTICAL DATA AND DATES COLLECTED/ANALYZED
 ANY PREVIOUS SAFETY PLANS FOR THE SITE.

Other Comments: _	
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			SILE NAME <u>Interstate</u>
	SAFE	ETY PLAN	
Site Name:	Interstate Uniform	<u>.</u> .	Contact:
Address:	Woburn, MA	_	Phone Number:
		-	Other Contacts:
Purpose of Sit	e Visit:	То со	llect sample splits
Proposed Date	e(s) of Work:	May	1, 1984
Proposed Site	Investigation Team:		
NUS Per	sonnel: Dan Sandhaus	:	Responsibilities: Document Samples and sampling
- , , , , ,	24.1 34.14.1443	_	procedures
			-
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		_	
• Other		. ÷	Purpose
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Plan Preparat	ion:		•
Prepared by:	 		(<u>//</u>)
Reviewed by:			(/ /)

Regional Health Safety Coordinator

Approvals:

Regional Manager:

TDD

F1-8303-07A

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SITE NAME	Interstate

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SHE DESCRIPTION	
Investigative area consists of 6 wells located in	2 locations upgradient
of Interstate Uniform. Three wells are on the ea	ast site of the Charrett Co.
parking lot, and 3 wells are located along the ent	rance ramp of Route 128 at
Washington Street	
Proposed On-Site Activities (identify by number): 1) NUS/FIT will provide sample bottles to contr	actors for collection of
samples, make observations and will complete sa	mple documentation.
Jampieco Jampieco Jampieco Ja	imple documentations
Perimeter Establishment:	
Map/Sketch attached?	no
Perimeter identified?	<u>yes</u>
Zone(s) of contamination identified?	<u>yes</u> groundwater
Monitoring Procedures:	
Site Monitoring Equipment:	
HNU OVA Photovac Drager Tube & Pump Victoreen Radiation Detector Other:	TLD Badge Radiation mini-alert Explosimeter O ₂ meter
Methods for Surveillance:	Not required
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RECOMMENDED LEVEL(S) OF PROTECTION:

Task:	Split	Collection	
	•	Respiratory:	level D
		Modifications:	none
Task:	•		
	•	Respiratory:	
		Modifications:	· · · · · · · · · · · · · · · · · · ·
Task:			
	•	Respiratory:	
		Modifications:	
Task:	Split	Collection	
	•	Field Dress:	Field clothes
		Modifications:	
Task:			
	•	Field Dress:	
		Modifications:	
Task:			
	•	Field Dress:	
		Modifications:	

EMERGENCY REFERENCE

POLICE:

911

FIRE:

933-3131

HOSPITAL: Choate Memorial

Address: 21 Warren Avenue Woburn, MA

PHONE: 933-6700

AMBULANCE: 933-3131

POISON CENTER: 1-617-232-2120

DOCTOR:

Robert Wainer (Region I physician)

Univ. of Pittsburg

1-617-762-0209 see attachment

CORPORATE:

NUS/Bedford

Gregory Roscoe

Richard DiNitto

1-617-275-2970

1-617-665-8810 (home)

1-617-263-9853

NEAREST PHONE-